Rec'd PCT/PTO 3 0 DEC 2004

**PATENT** 

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## GK-US045298

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Junghee RYU

Serial No.: New (PCT/KR2003/001314)

Filed: Herewith (Intn'l Filing Date: July 3, 2003)

For: METHOD AND APPARATUS FOR

DISPLAYING A TIME-VARYING CODE TO A HANDHELD TERMINAL, AND METHOD AND APPARATUS FOR APPROVAL AUTHENTICATION PROCESSING BY USING THE SAME

## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant brings the attached references to the Examiner's attention and requests that they be considered and made of record in this application. Also attached is a completed PTO-1449 form. This Information Disclosure Statement is being filed with this application. Thus, no fee is believed to be due for this Information Disclosure Statement.

Since International Application No. PCT/KR2003/001314 entered the national stage under 35 U.S.C. 371 after June 30, 2003 (when this U.S. application was filed), the U.S. Patent and Trademark Office waives the requirement under 37 C.F.R. 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication.

Japanese Patent Application Publication No. 63-19091 appears to disclose a coding system, which according to the International Search Report is relevant to claim 1 of the PCT application. (See Figure 1).

Korean Patent Application No. 10-2001-0064678 appears to disclose an information service system using a barcode in a wireless terminal. The International Search Report cites claim 1 of this publication as being relevant to claim 5 of the PCT application.

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Korean Patent Application Publication No. 10-2002-0023098 appears to disclose an electronic pay me system using a barcode. The International Search Report cites the abstract (English translation attached) as being relevant to claim 5.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

David L. Tarnoff Reg. No. 32,383

SHINJYU GLOBAL IP COUNSELORS, LLP 1233 Twentieth Street, NW, Suite 700

Washington, DC 20036

(202)-293-0444

Dated: 12-30-04

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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	Int'l App PCT/KR2003/001314	
INFO	PRMATION	DIS	CLOSURE	Filing Date	Int'l Filing Date: July 3, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Junghee RYU	
				Group Art Unit		
	(use as many she	ets as	necessary)	Examiner Name		
Sheet	1	Of	1	Attorney Docket Number	GK-US045298	

U.S. PATENT DOCUMENTS							
Examiner Initials *	1 <u>L</u>	U.S. Patent Do	cument	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY		
	Cite No.	Number	Kind Code (if known)				
/L.H./		5,450,491	Α	McNair	09-1995		
L.H./		5,939,699	A	Perttunen et al.	08-1999		
			-				
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of	Date of Publication	Translation	
		Office	Number	Kind Code (if known)	Cited Document	of Cited Document MM-YYYY	(Yes or No or N/A)	
/L.H./		KR	10-2001- 0064678	Α	Samsung Electronics Co., Ltd.	07-2001	No	
/L.H./	_	KR	10-2002- 0023098	Α	Secubay Corp.	03-2002	No	
7L.H./		JP	63-19091	Α	Iseto Shikou Corp.	01-1988	No	
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Examiner Signature	/Leynna Ha/ (12/18/2008)	Date Considered	12/18/2008	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office,